

DURHAM



1 8 6 9
CITY OF MEDICINE

**Police Uniforms, Accessories, Rainwear
and Winter Jackets**

Bid No. 7-002-13

**City of Durham
Finance Department
Purchasing Division**

CITY OF DURHAM NORTH CAROLINA

BID PROPOSAL FORM

(Use this form only)



CITY OF DURHAM

FINANCE DEPARTMENT

PURCHASING DIVISION

101 CITY HALL PLAZA (ANNEX)

DURHAM, NC 27701

919.560.4132 • fax 919.560.4325

www.durhamnc.gov/departments/purchasing

July 23, 2013

Bid No. 7-002-13

Proposals will be received in the City of Durham, Finance Department, Purchasing Division, until 4:00 p.m., August 5, 2013 for furnishing the following items listed below.

Bids can be hand delivered or mailed to 101 City Hall Plaza (Annex), Durham, North Carolina 27701, or faxed to: 919-560-4325.

Any questions may be referred to Raushan Gross at 919-560-4132 ext 18223 or email Raushan.Gross@durhamnc.gov

The undersigned firm offers to supply the following to the City:

**Police Uniforms, Accessories, Rainwear
and Winter Jackets**

CITY OF DURHAM NORTH CAROLINA BID PROPOSAL FORM

(Use this form only)

**SEE ATTACHED SPECIFICATIONS (IF ANY), WORKFORCE STATISTICS FORM,
GENERAL CONDITIONS, ANTI-SWEATSHOP REQUIREMENTS & EEO PROVISIONS
PLEASE SIGN AND INCLUDE DELIVERY AND TERMS**

If the City of Durham issues to the bidder a Purchase Order that refers to the Bid Number shown on this bid, the bidder shall provide the quantities of goods required by the City during the period shown in the "Delivery" box on the Purchase Order (which period begins on the Order Date shown on the Purchase Order) unless that period is changed as provided in the bid documents. The bidder will not be obligated to fulfill a Purchase Order for a quantity that is not in accordance with the quantity limitations, if any, in the bid documents. The bid documents include all conditions, specifications, and terms on file in the City's Purchasing Division under that bid number.

This the _____ day of _____, _____
(Date) (Month) (Year)

OFFICIAL LEGAL NAME OF BIDDER

ADDRESS

CITY

STATE

ZIP CODE

AUTHORIZED SIGNATURE

PRINT NAME

TITLE

(____) (____)

TELEPHONE NUMBER

FAX NUMBER

WEBSITE/E-MAIL ADDRESS

FEDERAL I.D. NUMBER

CITY OF DURHAM PRIVILEGE LICENSE NUMBER _____

DELIVERY SHALL BE MADE WITHIN _____ DAYS AFTER RECEIPT OF PURCHASE ORDER.

PAYMENT TERMS: _____

METHOD OF SHIPMENT: _____

F.O.B.: DESTINATION ONLY

CITY OF DURHAM NORTH CAROLINA

BID PROPOSAL FORM

(Use this form only)

SECTION IA – POLICE UNIFORM SHIRTS (Specifications see pgs 12-15)

Item	Quantity	Description	Unit Price	Extension
1.	150 each	LONG SLEEVE , Law Enforcement Uniform Shirts (Men) Conqueror Special Durham PD – Navy Blue B. Lippman Flying Cross #34W7886Z or approved equal in the following assorted sizes from 14-1/2” to 22” neck and from 32” to 38” sleeves		
		Bidding _____ \$ _____ ea. \$ _____ <div style="text-align: center;">Manufacturer & Stock Number</div>		
2.	350 each	SHORT SLEEVE , Law Enforcement Uniform Shirts (Men) Conqueror Special Durham PD – Navy Blue B. Lippman Flying Cross #87R7886Z or approved equal in the following assorted sizes from 14-1/2” to 22” neck		
		Bidding _____ \$ _____ ea. \$ _____ <div style="text-align: center;">Manufacturer & Stock Number</div>		
3.	150 each	LONG SLEEVE , Law Enforcement Uniform Shirts (Women) Conqueror Special Durham PD – Navy Blue B. Lippman Flying Cross #127R7886Z or approved equal in the following assorted sizes from 34L to 46L		
		Bidding _____ \$ _____ ea. \$ _____ <div style="text-align: center;">Manufacturer & Stock Number</div>		
4.	150 each	SHORT SLEEVE , Law Enforcement Uniform Shirts (Women) Conqueror Special Durham PD – Navy Blue B. Lippman Flying Cross #177R7886Z or approved equal in the following assorted sizes from 34L to 46L		
		Bidding _____ \$ _____ ea. \$ _____ <div style="text-align: center;">Manufacturer & Stock Number</div>		

CITY OF DURHAM NORTH CAROLINA

BID PROPOSAL FORM

(Use this form only)

SECTION IIB – POLICE UNIFORM TROUSERS (Specifications see pgs 9 -11)

Item	Quantity	Description	Unit Price	Extension
5.	800 pair	Law Enforcement Uniform Trousers, unhemmed Howard Special Durham PD (Men) Navy Blue Fechheimer Special #3900M, Horace Small Special #X1400 or approved equal in the following sizes: Bidding _____ \$ _____ pr. \$ _____ <div style="text-align: center;">Manufacturer & Stock Number</div>		

<u>SIZE</u>	<u>QTY</u>
28R	20
32R	100
34R	160
36R	190
38R	150
40R	110
42R	70
44R	0
46R	0
48	0

6.	50 pair	Law Enforcement Uniform Trousers, unhemmed Howard Special Durham PD (Women) Navy Blue Fechheimer Special #3900M, Horace Small Special #X1400 or approved equal in the following sizes: Bidding _____ \$ _____ pr. \$ _____ <div style="text-align: center;">Manufacturer & Stock Number</div>		
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<u>SIZE</u>	<u>QTY</u>
8	10
12	30
14	10

CITY OF DURHAM NORTH CAROLINA

BID PROPOSAL FORM

(Use this form only)

SECTION IIIC – POLICE ACCESSORIES (Specifications see pgs 9 -11)

Item	Quantity	Description	Unit Price	Extension
7.	0 each	Short Neckties, BH Navy, 15"	\$_____ ea.	\$_____
8.	100 each	Regular Neckties, BH Navy, 18"	\$_____ ea.	\$_____
9.	100 each	Long Length Neckties, BH Navy 20"	\$_____ ea.	\$_____
10.	30 each	Chin Straps – Expansion – Gold Type for Cap	\$_____ ea.	\$_____
11.	100 each	Rain Cap Covers, GEMSCO	\$_____ ea.	\$_____
12.	100 each	Hat Bands, Adjustable, Black Elastic in the following sizes:	\$_____ ea.	\$_____

<u>SIZE</u>	<u>QTY</u>
6-1 / 2 through 6-7/8	0
7 through 7-1/4	50
7-3/8 through 7-3/4	50

13.	60 each	Summer Caps, Navy Blue with Cap buttons and chrome hardware, Midway, Durham PD Special in the following assorted sizes from size 6-1/2 to 7-3/4	\$_____ ea.	\$_____
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TOTAL SECTION I A – POLICE UNIFORM SHIRTS \$_____

TOTAL SECTION II B – POLICE UNIFORM TROUSERS \$_____

TOTAL SECTION III C – POLICE ACCESSORIES \$_____

TOTAL FOR SECTIONS I A, II B & III C \$_____

CITY OF DURHAM NORTH CAROLINA

BID PROPOSAL FORM

(Use this form only)

SECTION 2 – POLICE RAINWEAR (Specifications see pgs 17 -22)

<u>ITEM NO.</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
		Blauer #9690 Cross-Tech Reversible ANSI Certified Rain Coat in the following sizes:		
		<hr/> Brand Bidding		
1.	20 each	Size Small	\$_____	\$_____
2.	0 each	Size Small-Short	\$_____	\$_____
3.	0 each	Size Large	\$_____	\$_____
4.	10 each	Size X-Large R	\$_____	\$_____
5.	0 each	Size XX-Large R	\$_____	\$_____
6.	10 each	Size XXX-Large R	\$_____	\$_____
7.	0 each	Size XXX-Large Tall	\$_____	\$_____
8.	0 each	Size XX-Large Tall	\$_____	\$_____

Total **40**

SECTION 2 BID TOTAL \$ _____

CITY OF DURHAM NORTH CAROLINA

BID PROPOSAL FORM

(Use this form only)

SECTION 3 – POLICE WINTER JACKETS (Specifications Reference pg 23 -31)

<u>Item No.</u>	<u>Quantity</u>	<u>Description</u>	<u>Unit Price</u>	<u>Extension</u>
1.	15 each	Police Jackets, Winter Navy Blue – Small Regular Blauer #9905Z or approved equal	\$_____/ea.	\$_____
2.	10 each	Police Jackets, Winter Navy Blue – Medium Regular Blauer #9905Z or approved equal	\$_____/ea.	\$_____
3.	10 each	Police Jackets, Winter Navy Blue – Large Regular Blauer #9905Z or approved equal	\$_____/ea.	\$_____
4.	10 each	Police Jackets, Winter Navy Blue – XL Regular Blauer #9905Z or approved equal	\$_____/ea.	\$_____

SECTION 3 BID TOTAL \$_____

SPECIFICATIONS

DURHAM POLICE – DRESS TROUSERS

COLOR

Midnight Blue or #6747

MATERIAL

100% Polyester Gabardine. Milliken Mill's Fabric No. 7056 or equivalent, 10-1/2 – 11 oz., with VISA finish for soil release.

DESIGN

Shall be made on a uniform pattern, plain front, quarter top front pockets, two back pockets

TRIM

Twill 80% Polyester and 20% Rayon in Black

WAISTBAND

The waistband must be a minimum of 2-1/2" wide and closed with two crush-proof hooks and eyes. The waistband curtain shall be 80% Polyester / 20% Rayon twill and match the color of the pocketing, attached with a rocap machine. Waistband stiffener shall be sewn into the waistband on the front of the trousers from side seam to side seam. The trousers are to have a continuous closed waistband. The inside of the waistband shall have 3 rows of "Snug-tex" to hold the shirt tails in place.

PERMANENT CREASES

All trousers are to have an application of a special silicone resin applied to each crease by the "Silicone Bead" system to make them permanently set. All pants must include this feature.

FRONT POCKETS

Quarter top style, set over at 1-1/2" from side seam, cloth turn in no less than 1-1/2" wide. Facing on quarter top pockets no less than 3" at top and 1-1/2" at bottom. Depth of pocket 6" from bottom of opening; opening to start at waistband seam. Pockets to have reinforced area from bottom extending up approximately 2" using the same twill. Pocketing to be same matching material as outer fabric.

ZIPPER

The trousers shall be closed with Talon #42 metal zipper with a #42 memory lock slider. There shall be a brass bottom stop at the base of the zipper chain. A straight bartack shall be sewn at the bottom of the fly. For extra stability it shall be sewn through the zipper tape. NOTE: Plastic or Nylon zippers will not be accepted. The right and left fly shall be joined by another bartack located below the bottom zipper stop of the inside of the trouser. The fly lining is to have tail extending 1" beyond crotch seam.

SPECIFICATIONS

DURHAM POLICE – DRESS TROUSERS

INSIDE TRIM

The right fly and crotch linings shall be the same fabric and color as the waistband curtain. The right fly lining shall be sewn to the left fly below the zipper. The inside left and right flies shall be fused with an interlining for stability. Crotch is to be lined front and back (four quarter) with a double-folded thickness of the same matching twill with no exposed edges. A separate french fly made of the outer fabric shall be sewn to the inside right fly.

SEAMS

Center back turn under shall be no less than 2-1/2" to allow for any alterations and shall be sewn on a double needle chain stitch machine having tandem needles with an offset of 1/32". The inseam and outseam is to be sewn with a single needle chain stitch. The hip pockets are to be cut open and under pressed flat before hip pockets are cut; no top stitched darts will be acceptable. The entire trouser is to be seamed with Polyester core or 100% Polyester spun thread.

HIP POCKETS

Two hip besom pockets, 5-1/2" wide and 6" deep, made on a double-piped Reece pocket machine and having an interlining of PELLON. Left rear pocket to have a button through tab. Hip pocket facings to measure no less than 1-1/2" deep. Pocketing to be made of the same matching twill, stitched, turned and top stitched.

BELT LOOPS

To be 2-1/2" high and 1-1/4" wide. Double thickness of self-goods with edges butted at the back. A minimum of 7 belt loops for waist sizes 36 inches and up, and 5 belt loops for sizes 34 inches and less. All loops are to be inverted into both the top and bottom of the waistband seam with the exception of the center back loop which shall be tacked on. Belt loops to adjust for holster by placement incorporating a 4 inch open space on both right and left side seams.

BARTACKS

Triangle bartacks are to be placed at each end of the hip pockets and at the bottom of the front pockets. These triangle bartacks are to be made on a triangle bartack machine having 32 stitches on each side of the triangle, each side to be 1 / 2" long. Eighteen of these stitches are to be straight lock stitches and fourteen are to be zigzag covering stitches. The angles formed by the legs of the triangle are to be no more or less than 60 degrees. All other points of strain to be secured with a regular bartack.

FINISHING AND PRESSING

The trousers shall be made in a first class workmanlike manner with all loose threads removed. They must be pressed completely and properly. Side seams, inseam, and set seam are to be pressed open.

SPECIFICATIONS

DURHAM POLICE – DRESS TROUSERS

HEM

No hem.

SIZE TAGS

The trousers must have a sewn in label giving care instructions and an outside waistband label marked with lot number, fiber content, size and RN number.

STRIPE

The trouser shall have 1 / 2” black polyester gabardine stripe made into the side seam and, will extend from the waistband to the bottom of the trousers.

SPECIFICATIONS

DURHAM POLICE – SHORT SLEEVE DRESS SHIRTS

COLOR

Navy Blue

MATERIAL

To be Milliken 100%. Dacron Polyester, texturized woven. Weight 7.25 oz. per yard. Finish to be VISA. Warp – 2 ply filling.

CREASING

Pockets and pocket flaps to be die creased to give uniform shape and size. The shirt is to have sewn in permanent military creases, 2 in front and 3 in back.

COLLAR

The collar is to be die cut. Convertible collar is to measure 3-5/8" long at points and top stitched 1 / 4" from edge. The interlinings are to be high luster Dacron and Cotton Poplin, matching color of shell fabric. Permanent collar stays of proper length are to be sewn inside the collar so that no stitches are made through the bottom leaf.

SLEEVES

Sleeves are to be straight and whole, have a 1 / 2" hem and finish 9-1/2" long from the should seam. The sleeves must be secured to the body of the shirt by means of a merrow stitch with a safety stitch so as to strengthen the seam. The same stitch must be used on the side closing seam as well. The sleeve seam is to be bartacked at the bottom of the hem for strength.

FRONT

The front shall have a center facing 1-1/2" wide extending from the collar to bottom of shirt and be made of the same material as shirt fabric, with a 100% Polyester interfacing. There shall be 2 rows of stitching 7/8" apart. The button stand, 7/8" wide, shall be selflined and placed on the right side extending from collar to bottom of shirt. Buttons shall be securely attached to the button stand and shall correspond to the buttonholes on the center facing.

POCKETS

To have 2 breast pockets with mitered corners to finish 5-3/8" wide and 6" long. The left breast pocket to have pencil opening about 1-3/8". Both pockets to have a 1-1/2" box pleat stitched top and bottom to prevent spreading. Velcro 1 / 2" wide and 1" long to be placed on edges on each pocket to secure Velcro placed on corners of each flap.

FLAPS

To have scalloped flaps to finish 5-1/2" in width, and 2-3/4" in length at the center and at each side. Flaps to be secured to front of shirt approximately 1 / 4" above top pocket. The left flap to have a pencil opening about 1-3/8" in width. Velcro to be placed on corners of each flap.

SPECIFICATIONS

DURHAM POLICE – SHORT SLEEVE DRESS SHIRTS

BADGE PATCH

Inside sling type badge holder of self-goods approximately 1-1/2" wide to extend from joining seam to pocket of left front. Two small buttonholes 1-1/4" apart with lower buttonhole approximately 3 / 4" above the flap.

SHOULDER STRAPS

The shoulder straps shall be pointed at the end toward the neck of the shirt. The other end shall be sewn in sleeve head seam. The strap shall measure 2" at sleeve and taper to 1-1/2". Straps to be set about 1 / 2" from the collar. Shoulder straps shall be "X" stitched to shoulders with a row of cross stitching 2" from sleeve head seam. The "X" stitching shall extend diagonally from each end of the cross stitch to the sleeve head seam.

COLLAR STAYS

The collar stays shall be of good quality Statler vinyl of proper length.

INTERLINING

Collar and center facing will be of 100% Polyester interlining.

SIZE MARKING

Size tab showing neck size to be sewn in with label to the inside yoke of the shirt.

BUTTONS

All buttons shall be made from thermosetting polyester material and must match the fabric.

PRESSING AND PACKING

Shirts shall be carefully pressed by hand in a first class manner. Shirts to be shipped in strong boxes so as not to be damaged in shipment. Shirts to be packed in individual polyethylene bags.

METAL BUTTON FEATURE

Navy Blue shirts are to be made to accept metal buttons on the epaulets and fronts. The right fronts on these shirts are to have a 3" turnback rather than 7/8".

ZIPPER CLOSURE

Zipper closure models will have a 14" nylon separating zipper.

SPECIFICATIONS

DURHAM POLICE – LONG SLEEVE DRESS SHIRTS

COLOR

Navy Blue

MATERIAL

4.5 ounces per square yard. 100% texturized polyester with a soil release finish. Fast color guaranteed washable subject to care instructions.

CREASING

Pockets and pocket flaps to be die creased to give uniform shape and size. The shirt is to be sewn in permanent military creases, 2 in front and 3 in back.

COLLAR, STAND AND YOKE

Points medium spread are to be 3-3/8" in length and are to be topstitched 1 / 4" from the edge. Collar height at rear 1-1/2" and collar stand at rear to measure 1-5/16". Permanent mylar stays ultrasonically fused for precise positioning shall be sewn inside collar so that no stitches are made through bottom leaf. Collar stand and band to be die cut and interlined with Dacron (#250 in collar, #300 in band). Collar band and yoke to be lined with high luster Dacron/Cotton Poplin matching color of shell fabric.

SLEEVES

Straight at width – no bias - of one piece shaped at head, jacket style. Sleeve vent 5-1/2" long from the top of the cuff with top and bottom facings. The sleeve seam as well as the sleeve setting seam (i.e. the seam securing the sleeve to the body of the shirt) must be a merrow safety stitch so as to properly strengthen the seam as well as to prevent the fabric from raveling.

ZIPPER FRONT

There shall be a 15" Nylon zipper with a compatible colored tape sewn to the front of the shirt, replacing the second, third, fourth, and fifth front buttons. These nonfunctional buttons are to be sewn on top of the buttonholes on the center front facing to give the appearance of a button front shirt.

POCKETS

To have 2 breast pockets, top-stitched 1/16" from the edge, with mitered corners, to finish 5-5/8" wide and 6" deep. The left breast pocket to have a pencil compartment 1-1/2" wide. Both pockets to have 1-1/2" box pleats stitched top and bottom to prevent spreading.

FLAPS

To have 2 scalloped flaps, top-stitched around edges, to finish 5-7/8" in length, 2-3/4" in width at center, and 2-1/4" in width at sides. Shirt approximately 1 / 4" above top pocket. The left flap to have a pencil opening about 1-3/8" in width. Velcro to be placed on corners of each flap.

SPECIFICATIONS

DURHAM POLICE – LONG SLEEVE DRESS SHIRTS

BADGE PATCH

Inside sling type badge holder of self-goods approximately 1-1/2" wide to extend from joining seam to pocket of left front. Two small buttonholes 1-1/4" apart with lower buttonhole approximately 3 / 4" above the flap.

SHOULDER STRAPS

The shoulder straps shall be pointed at the end toward the neck of the shirt. The other end shall be sewn in sleeve head seam. The strap shall measure 2" at sleeve and taper to 1-1/2". Straps to be set about 1 / 2" from collar. Shoulder straps shall be "X" stitched to shoulders with a row of cross stitching 2" from sleeve head seam. The "X" stitching shall extend diagonally from each end of the cross stitch to the sleeve head seam.

COLLAR STAYS

The collar stays shall be of good quality Stalar vinyl of proper length.

INTERLINING

Collar, collar stand, cuffs and center facing will be of 100% Polyester interlining.

SIZE MARKINGS

Size tab showing neck and sleeve length to be sewn in with label to the inside yoke of the shirt.

BUTTONS

All buttons shall be made from thermosetting polyester material and must match the fabric.

PRESSING AND PACKING

Shirts shall be carefully pressed by hand in a first class manner. Shirts to be shipped in strong boxes so as not to be damaged in shipment. Shirts to be packed in individual polyethylene bags.

METAL BUTTON FEATURE

Navy Blue shirts are to be made to accept metal buttons on the epaulets, fronts, and cuffs. The right fronts on these shirts are to have a 3" turn-back rather than 7/8".

SPECIFICATIONS

FEATHER WEIGHT RAINCOAT WITH WATERPROOF BREATHABLE FABRIC
COLOR: BLACK REVERSING TO FLOURESCENT YELLOW

GENERAL REQUIREMENTS

1. Failure to complete the compliance questions following each section below will result in automatic rejection of such bids as non-responsive.
2. All garment details not specifically described herein including tailoring, styling, construction, materials, and components must match the standard reference sample.
3. The material shall be provided in strict compliance with these specifications. Any bids submitted for an alternate or substitute brand must accompany a sample.
4. Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.
5. All products will have a printed warranty hangtag covering (at minimum) defects in materials and workmanship for three (3) years.
6. Garments must meet ANSI/ISEA 107-2004 class II requirements.
7. Garments shall meet the Emergency Medical Garment requirements of the NFPA 1999, STANDARD ON PROTECTIVE CLOTHING FOR EMERGENCY MEDICAL OPERATIONS, 2003 Edition.
8. Garments must be manufactured to ISO 9001 quality assurance standard. (AG1102)

COMPLY ☐ Yes ☐ No

SHELL FABRIC

9. CROSSTECH® waterproof-breathable membrane laminated between a 2.18 oz. per square yard, 100% textured polyester, 70 denier plain weave face fabric (Color: see specified garment color) and a knit polyester tricot backing fabric (Color: see specified garment high visibility color) resulting in a washable waterproof material with high moisture vapor transmission, bloodborne pathogen resistance and common chemical resistance. Both dark and high visibility sides of the fabric shall be treated with a durable water repellent finish.

COMPLY ☐ Yes ☐ No

TRIM

10. Hook and Loop: woven nylon base (Color: Black)
11. Interlining: non-woven interlining
12. Reflective trim: silver, 3M Scotchlite™ 2 inch silver reflective fabric.
13. Seam Tape: 3-layer Gore-Seam tape 1 inch wide compatible with CROSSTECH® membrane (Color: match high visibility side of jacket)
14. Snaps: Non-rusting, 24 ligne, gunmetal finish on brass, heavy-duty closure.

COMPLY ☐ Yes ☐ No

SPECIFICATIONS

DESIGN AND CONSTRUCTION

- 15. Reversible featherweight waterproof windproof breathable full-length raincoat.
- 16. ANSI/ISEA 107 Class II certified. (Hi-vis yellow only)
- 17. Adjustable cuff closures.
- 18. Double snap-over storm fly front.
- 19. Go-through side openings on Hi-vis yellow side.
- 20. High-contrast Scotchlite™ reflective trim around chest, back, sleeves and cuffs.
- 21. Reversible to high visibility fluorescent with reflective trim.
- 22. Waterproof front zipper with sport collar.
- 23. Front pockets with waterproof zippers on dark side.

COMPLY ☐ **Yes** ☐ **No**

CUSTOMIZATION

- 24. Emblems (supplied by the agency) sewn on as specified
- 25. Optional upgrade to ANSI Class III with reflective stripe above hem
- 26. Badge tabs.
- 27. Stock or custom graphics
- 28. Snap-off hood

COMPLY ☐ **Yes** ☐ **No**

WATERPROOF-BREATHABLE PERFORMANCE

- 29. Moisture Vapor Transmission Rate (g/m²/24hr):
 - a. Procedure B (upright cup) 600 Minimum ASTM E 96-93 1/
 - b. Procedure BW (inverted cup) 3600 Minimum ASTM E 96-93 2/
- 30. Hydrostatic Resistance (psi): 140 Minimum FED-STD-191A 5512 3/
- 31. Low Pressure Water Permeability:
 - a. Initial: No Leakage FED-STD-191A 5516 4/
 - b. After Cold Flex:
 - Warp No Leakage ASTM D 2097-69 (1980) 5/
 - Fill No Leakage ASTM D 2097-69 (1980) 5/
 - c. After 100 Hours of Continuous Wet Flex: No Leakage 6/
- 32. High Pressure Water Permeability:
 - a. Initial: No Leakage BS 3424: Part 26: 1990 Method 29A 7/
 - b. After Exposure to Contamination: No Leakage BS 3424: Part 26: 1990 Method 29A 8/
 - c. After Synthetic Perspiration No Leakage BS 3424: Part 26: 1990 Method 29A 9/
- 33. Seam Tape Water Permeability:
 - a. Initial No Leakage FED-STD-191A 5516 10/
 - b. After 5 Laundry Cycles No Leakage FED-STD-191A 5516 ANSI/AATCC 135 11

(Refer to Addendum for waterproof-breathable test methods)

SPECIFICATIONS

(Measured Property Acceptance Criteria: For moisture vapor transmission rate and hydrostatic resistance, the mean of each sample unit must meet the requirement specified. The mean is the average of five cross-web specimens. For water permeability testing, each individual specimen must meet the requirement specified.)

COMPLY ☐ Yes ☐ No

STANDARD SIZE RANGE

34. Unisex:
- a. Regular: XS - 3XL
 - b. Tall: M - 3XL

COMPLY ☐ Yes ☐ No

MEASUREMENTS

35. **Regular Length: Size: L**
- a. **Chest:** **53** **(plus or minus 0.75 inches)**
 - b. **Sweep:** **54.75** **(plus or minus 0.75 inches)**
 - c. **Back Length:** 48 (plus or minus 0.75 inches)
 - d. **Sleeve Inseam:** 25 (plus or minus 0.5 inches)

COMPLY ☐ Yes ☐ No

SPECIFICATIONS

ADDENDUM - WATERPROOF-BREATHABLE TEST METHODS

- 1/** The knit side of the laminated cloth shall face the water. The free stream air velocity shall be 550 ± 50 fpm as measured at least 2 inches from any surface. The test shall be for 24 hours and weight measurements shall be taken only at the start and completion of the test. At the start of the 24 hour test period, the air gap between the water surface and the back of the specimen shall be $3/4 \pm 1/16$ inch. Five specimens shall be tested. The test chamber shall be $73.4 \pm 1^{\circ}\text{F}$ and relative humidity shall be $50 \pm 2\%$. The face of the rim of the test dish shall project $1/32$ " into the tunnel.
- 2/** The knit side of the laminated cloth shall face the water. The free stream air velocity shall be 550 ± 50 fpm as measured at least 2 inches from any surface. The test shall be for 2 hours and weight measurements shall be taken only at the start and completion of the test. Five specimens shall be tested. Specimens shall be sealed in any manner that prevents wicking and/or leakage of water out of the cup. The test chamber shall be $73.4 \pm 1^{\circ}\text{F}$ and relative humidity shall be $50 \pm 2\%$. The face of the rim of the test dish shall project $1/32$ " into the tunnel.
- 3/** The water pressure shall be applied to the knit side of the laminated cloth.
- 4/** The knit side of the laminated cloth shall contact the water. The hydrostatic head shall be 30 inches (1.1 psi) and shall be held for 3 minutes. Leakage is defined as the appearance of water any place within the 4.5-inch diameter test area. The test may be performed using any device that tests the same specimen area at the equivalent pressure. In case of dispute, the apparatus described in FED-STD-191A Method 5516 shall be used.
- 5/** Ten warp and ten fill specimens $3.25" \times 4.5"$ shall be selected from each sample unit. The 3.25" dimension is the test direction. Specimens shall be flexed for 20,000 cycles as specified in ASTM-D 2907 and as follows. Mark the knit side of each specimen with two lines 1.7 inches apart and perpendicular to the test direction. The area between the lines is the test area and shall be centered on the knit side of the specimen. Wrap the specimens around fully extended pistons with the knit side out. The test area lines shall meet evenly and shall line up with the edges of the pistons. Clamp in place making sure the clamps are not in the test area. Check specimen for smoothness and tautness (wrinkles cause improper flexing). The distance between the pistons shall be 1.7" in the open position and 0.5" in the closed position as measured from the bottom of the upper piston and top of the lower piston. Place the test apparatus with mounted specimens in a test chamber at $-25 \pm 2^{\circ}\text{F}$ for a one hour conditioning period and then flex in the test chamber at $-25 \pm 2^{\circ}\text{F}$. After flexing, test for water permeability as in footnote 4/ except that the orifice of the tester shall be modified to accommodate the smaller specimen size as shown in Attachment 1.
- 6/** One 14 inch by full width specimen shall be selected from each sample unit. The specimens shall be agitated using the "normal" cycle in an automatic home laundering machine as specified in AATCC 135-1992 except that the machine shall be capable of continuous agitation. The water level shall be maintained at 16 ± 1 gallons, and the water temperature shall be $32 \pm 9^{\circ}\text{C}$.

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The load shall be 2 ± 0.2 pounds. The specimen shall be removed from the washer after 100 hours of continuous agitation. The specimen shall be air dried and then tested for water permeability at three sites across the width of the specimen according to footnote 4.

- 7/ The water pressure shall be applied to the knit side of the laminated cloth from below the test specimen. The maximum pressure of 25 psi shall be attained in 2 minutes \pm 20 seconds and shall be applied for 5 minutes. Leakage is defined as the appearance of water any place within the test area.
- 8/ Place a 6" x 6" piece of blotting paper on a flat surface and cover with a 10" x 10" test specimen with the face side up. Weigh out 2.0 ± 0.1 grams of solid contaminant or pipette 2.0 ml of liquid contaminant. Place the contaminant on the center of the specimen and cover with a 6" x 6" piece of glassine paper. Place a 4-pound weight on the glassine paper directly over the contaminated area. Allow the weight to remain on the specimen for 30 minutes. Remove the weight and glassine paper and allow the specimen to sit undisturbed for an additional 30 minutes. Wipe off any excess contaminant using a fresh piece of blotting paper and test for water permeability as in footnote 8/ except that the water pressure shall be applied for 3 minutes.
- 9/ One specimen per sample unit shall be tested for water permeability after exposure to synthetic perspiration. The specimen shall be not less than six inches in diameter. The test cups shall accommodate this size specimen and shall have a depth of at least one inch. The cups shall be sealed to prevent leakage. The solution shall contact the knit side of the laminate.

Synthetic perspiration shall be prepared by stirring the following ingredients into 500 ml of distilled water:

3 grams sodium chloride
1 gram predigested protein
1-gram n-propyl propionate
0.5-gram lecithin (phosphatidyl choline)

The predigested protein shall contain the following amino acids:

<u>Ingredient</u>	<u>Milligrams (mg)</u>
Lysine	82.5
Histidine	27.5
Arginine	40.0
Aspartic acid	72.5
Threonine	42.5
Serine	50.0
Glutamic acid	197.5
Proline	92.5
Glycine	22.5
Alanine	28.7
Cystine	4.7
Valine	66.2

SPECIFICATIONS

Methionine	30.0	
Isolencine	53.8	
Leucine		87.5
Tyrosine		51.3
Phenylalanine	48.8	
Tryptophane	18.8	

The solution shall be stirred continuously and heated to $50 \pm 1^{\circ}\text{C}$, then covered and cooled to approximately 35°C .

The solution shall be stirred such that any solid particles are suspended in solution and poured into the test cup. The cup shall be inverted to allow the synthetic perspiration to evaporate through the specimen.

After the solution has evaporated through the specimen, such that no more than 0.125 inch of solution remains, the specimen shall be removed from the cup, rinsed in warm water, dried and tested for water permeability as specified in footnote 8/ except that the water pressure shall be applied for 3 minutes.

- 10/** A minimum of 3 straight seams and 2 cross-over seams should be tested prior to laundry cycle testing and remain waterproof (no leakage) when tested at 2 psi for 3 minutes with the seam tape side facing up, away from the water challenge. Leakage is defined as the appearance of water any place within the 4.5 inch diameter test area since the seam tape process can damage the fabric adjacent to the tape. The test may be performed using any device that tests the same specimen area at the equivalent pressure. In case of dispute, the apparatus described in FED-STD-191A Method 5516 shall be used.
- 11/** A minimum of 3 straight seams and 2 cross-over seams should be tested after five (5) home laundry cycles and remain waterproof (no leakage) when tested at 2 psi for 3 minutes with the seam tape side facing up, away from the water challenge. Leakage is defined as the appearance of water any place within the 4.5 inch diameter test area since the seam tape process can damage the fabric adjacent to the tape. The test may be performed using any device that tests the same specimen area at the equivalent pressure. In case of dispute, the apparatus described in FED-STD-191A Method 5516 shall be used. Laundry testing should be performed in accordance with the procedure specified in Machine Cycle 3, Wash Temperature III, and Drying Procedure Aiii of ANSI/AATCC 135.

SPECIFICATIONS

DURHAM POLICE DEPARTMENT
IKE-LENGTH JACKET WITH CROSSTECH FABRIC
COLOR: NAVY

GENERAL REQUIREMENTS

1. Failure to complete the compliance questions following each section below will result in automatic rejection of such bids as non-responsive.
2. All garment details not specifically described herein including tailoring, styling, construction, materials, and components must match the standard reference sample.
3. Pre-bid samples are required at the time of the bid opening.
4. Samples may be subjected to laboratory testing at the discretion of the contracting officer. Bidders are responsible for all testing costs of their sample garments.
5. Bidders must enclose evidence (dated manufacturers catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days for agency approval.
6. All products will have a printed warranty hangtag covering (at minimum) defects in materials and workmanship for three (3) years.
7. Garments must be manufactured in an ISO 9000 certified facility to meet quality assurance standards. (AG2104)
8. Garments shall meet the Emergency Medical Garment requirements of the NFPA 1999, STANDARD ON PROTECTIVE CLOTHING FOR EMERGENCY MEDICAL OPERATIONS, 2003 Edition.

COMPLY **Yes** **No**

SHELL FABRIC

9. Ripstop Fabric: 70 Denier warp and 160 denier filling, 156x76, 100% Nylon Ripstop weave. Honeycomb pattern printed urethane non-ravel backcoating to insure breathability, prevent seam slippage, and to maintain shell fabric appearance. (Color: see specified garment color)

COMPLY **Yes** **No**

SPECIFICATIONS

LINING FABRIC

10. Crosstech waterproof-breathable membrane laminated to a 2.18 oz. per square yard, 100% textured polyester, 70 denier plain weave fabric (Color: charcoal) resulting in a dry cleanable and washable waterproof material with high moisture vapor transmission, blood-borne pathogen resistance, and common chemical resistance.
- 11.
12. Removable Insulated Liner: 6 inch diamond pattern quilted insulation package. 6 oz per sq. yd. Polyester velour pile fleece face fabric for body. 70 denier nylon taffeta face fabric for sleeves. Thermolite Plus or B.Warm BSCL-120 insulation for sleeves. 70 denier nylon taffeta backing fabric for body and sleeves. Fiber migration resistant construction and treatment with no added layers of scrim. Machine washable/dryable, drycleanable, and can be pressed. Shrinkage less than 2%. (Color: black)

COMPLY ☐ Yes ☐ No

TRIM

13. Interlining: 100% polyester non-woven.
14. Binding: 100% nylon 70 denier taffeta plain weave.
15. Waistband elastic: Spandex, 1-inch knitted elastic, dry cleanable. (Color: black)
16. Ribbon loops: 0.5 inch grosgrain. (Color: black)
17. Reflective trim: 1 inch wide, 3M Scotchlite silver reflective fabric.
18. Seam Tape: 2-layer Gore-Seam tape 1 inch wide compatible with permanent waterproof-breathable lining. (Color: white)
19. Zippers:
 - a. Front zipper: delrin, two-way, size #5, 24 inches long.
 - b. Front pockets: nylon coil, one-way, size #5, 8 inches long.
 - c. Sleeve underarm zippers: coil one-way, size #3, 10 inches long.
 - d. Liner zipper: delrin, size #3, and 46 inches long.
(Zipper lengths specified are for L/Reg, Color: black)
20. Snaps:
 - a. For liner attachment: 20 ligne, prong style with closed backs, non-rusting gunmetal finish on brass, heavy-duty closure.
 - b. All other snaps: 24 ligne, Tri-Snap, thermoplastic acetal resin. (Color: black)
21. Hook and loop: woven Nylon base. (Color: black)

COMPLY ☐ Yes ☐ No

SPECIFICATIONS

DESIGN AND CONSTRUCTION

- 22. Waterproof by design style, Ike length with shirred waistband.
- 23. Front zipper closure covered by double storm flaps.
- 24. Storm collar.
- 25. Yoke design in back.
- 26. Zip-out full body and sleeve quilted insulated liner.
- 27. Drop shoulder.
- 28. Two piece sleeves with elasticized hook and loop closure.
- 29. Underarm zippers.
- 30. Epaulets.
- 31. Angled pockets with zipper closure and hidden pencil slots.
- 32. Inside security pocket.
- 33. Lower back pocket with Velcro openings on each side.
- 34. Hidden vest pouch in rear.
- 35. Zippered back collar with removable, inserted adjustable waterproof-breathable hood.
- 36. Badge tab on left breast.
- 37. Hidden Scotchlite safety package.
- 38. Labeled with manufacturer, country of origin, size, all required NFPA 1999 (2003 edition) certification labeling and owner's manual.

COMPLY ☐ Yes ☐ No

WATERPROOF-BREATHABLE PERFORMANCE

- 39. Moisture Vapor Transmission Rate ($\text{g/m}^2/24\text{hr}$):
 - a. Procedure B (upright cup) 700 Minimum ASTM E 96-93 1/
 - b. Procedure BW (inverted cup) 6500 Minimum ASTM E 96-93 2/
- 40. Total Heat Loss (Q_t) (Watts/m^2) 450 minimum ASTM F1868 3/
 - a. After 25 Laundry Cycles
- 41. Hydrostatic Resistance (psi): 140 Minimum FED-STD-191A 5512 4/
- 42. Low Pressure Water Permeability:
 - a. Initial: No Leakage FED-STD-191A 5516 5/
 - b. After Cold Flex: Warp No Leakage ASTM D 2097-69 (1980) 6/
 - Fill No Leakage ASTM D 2097-69 (1980) 6/
 - c. After 100 Hours of Continuous Wet Flex: No Leakage 7/
 - d. After Dry Cleaning: No Leakage 8/
- 43. High Pressure Water Permeability:
 - a. Initial: No Leakage BS 3424: Part 26: 9/
 - 1990 Method 29A
 - b. After Exposure to Contamination: No Leakage BS 3424: Part 26: 10/
 - 1990 Method 29A

SPECIFICATIONS

- c. After Synthetic Perspiration No Leakage BS 3424: Part 26: 11/
1990 Method 29A
44. Resistance to blood-borne pathogens:
a. After 25 Laundry Cycles: No Penetration ASTM F1671 NFPA 1999 12/
(1997 edition) compliant
45. Resistance to common chemicals (battery acid, gasoline, hydraulic fluid, AFFF foam, and swimming pool chlorine solution):
a. After 25 Laundry Cycles: No Penetration ASTM F903C 13/
46. Seam Tape Water Permeability:
a. Initial No Leakage FED-STD-191A 5516 14/
b. After 10 Laundry Cycles No Leakage FED-STD-191A 5516 15/
ANSI/AATCC 135
c. After 10 Dry-Clean Cycles No Leakage FED-STD-191A 5516 16/
- (Refer to Addendum for waterproof-breathable test methods)
(Measured Property Acceptance Criteria: For moisture vapor transmission rate and hydrostatic resistance, the mean of each sample unit must meet the requirement specified. The mean is the average of five cross-web specimens. For water permeability blood and body fluid and common chemical testing, each individual specimen must meet the requirement specified.)

COMPLY Yes No

CUSTOMIZATION

47. Name Tab
48. Microphone Tab
49. Pull- Down Panels
50. Emblem(s): supplied by agency, sewn on as specified

COMPLY Yes No

STANDARD SIZE RANGE

51. Unisex: Short: XS - L
 Regular: S - 3XL
 Tall: M - 3XL

COMPLY Yes No

SPECIFICATIONS

MEASUREMENTS

52. Unisex Size: Regular Length: L

- a. Chest: 54 (plus or minus 0.75 inch)
b. Sleeve: 36.5 (plus or minus 0.5 inch)
c. Back Length: 23.75 (plus or minus 0.5 inch)

COMPLY Yes No

SPECIFICATIONS

ADDENDUM - WATERPROOF-BREATHABLE TEST METHODS

- 1/ The film side of the laminated cloth shall face the water. The free stream air velocity shall be 550 ± 50 fpm as measured at least 2 inches from any surface. The test shall be for 24 hours and weight measurements shall be taken only at the start and completion of the test. At the start of the 24 hour test period, the air gap between the water surface and the back of the specimen shall be $3/4 \pm 1/16$ inch. Five specimens shall be tested. The test chamber shall be $73.4 \pm 1^{\circ}\text{F}$ and relative humidity shall be $50 \pm 2\%$. The face of the rim of the test dish shall project $1/32$ " into the tunnel.
- 2/ The film side of the laminated cloth shall face the water. The free stream air velocity shall be 550 ± 50 fpm as measured at least 2 inches from any surface. The test shall be for 2 hours and weight measurements shall be taken only at the start and completion of the test. Five specimens shall be tested. Specimens shall be sealed in any manner that prevents wicking and/or leakage of water out of the cup. The test chamber shall be $73.4 \pm 1^{\circ}\text{F}$ and relative humidity shall be $50 \pm 2\%$. The face of the rim of the test dish shall project $1/32$ " into the tunnel.
- 3/ One 24 inch x 24 inch sample shall be selected from each garment. The sample must include all fabric layers of the garment, including any outer shell layer. The specimens shall be subjected to 25 cycles of washing and drying in accordance with the procedure specified in Machine Cycle 3, Wash Temperature III, and Drying Procedure Aiii as specified in AATCC 135-1992. The specimens are then placed on a sweating guarded hot plate with the layer closest to the body placed on the heated side of the test device. If there are separable layers, these must be arranged in the order and orientation as worn in the garment. The sample fabrics are then tested per ASTM F 1868 Part C, and a total heat loss value is calculated.
- 4/ The water pressure shall be applied to the film side of the laminated cloth.
- 5/ The outside shell side of the laminated cloth shall contact the water. The hydrostatic head shall be 30 inches (1.1 psi) and shall be held for 3 minutes. Leakage is defined as the appearance of water any place within the 4.5 inch diameter test area. The test may be performed using any device, which tests the same specimen area at the equivalent pressure. In case of dispute, the apparatus described in FED-STD-191A Method 5516 shall be used.
- 6/ Ten warp and ten fill specimens $3.25" \times 4.5"$ shall be selected from each sample unit. The 3.25" dimension is the test direction. Specimens shall be flexed for 20,000 cycles as specified in ASTM-D 2907 and as follows. Mark the film side of each specimen with two lines 1.7 inches apart and perpendicular to the test direction. The area between the lines is the test area and shall be centered on the film side of the specimen. Wrap the specimens around fully extended pistons with the film side out. The test area lines shall meet evenly and shall line up with the edges of the pistons. Clamp in place making sure the clamps are not in the test area. Check specimen for smoothness and tautness (wrinkles cause improper flexing). The distance between the pistons shall be 1.7" in the open position and 0.5" in the closed position as measured from the bottom of the upper

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piston and top of the lower piston. Place the test apparatus with mounted specimens in a test chamber at $-25 \pm 2^{\circ}\text{F}$ for a one hour conditioning period and then flex in the test chamber at $-25 \pm 2^{\circ}\text{F}$. After flexing, test for water permeability as in footnote 4/ except that the orifice of the tester shall be modified to accommodate the smaller specimen size as shown in Attachment 1.

- 7/ One 14 inch by full width specimen shall be selected from each sample unit. The specimens shall be agitated using the "normal" cycle in an automatic home laundering machine as specified in AATCC 135-1992 except that the machine shall be capable of continuous agitation. The water level shall be maintained at 16 ± 1 gallons, and the water temperature shall be $32 \pm 9^{\circ}\text{C}$. The load shall be 2 ± 0.2 pounds. The specimen shall be removed from the washer after 100 hours of continuous agitation. The specimen shall be air dried and then tested for water permeability at three sites across the width of the specimen according to footnote 4/.
- 8/ One 1 yard by full width specimen shall be selected from each sample unit. The specimens shall be professionally dry-cleaned ten (10) times with a pure distilled solvent rinse. The specimens shall be tested for water permeability at three sites across the width of the specimen according to footnote 4/.
- 9/ The water pressure shall be applied to the film side of the laminated cloth from below the test specimen. The maximum pressure of 25 psi shall be attained in 2 minutes \pm 20 seconds and shall be applied for 5 minutes. Leakage is defined as the appearance of water any place within the test area.
- 10/ Place a 6" x 6" piece of blotting paper on a flat surface and cover with a 10" x 10" test specimen with the film side up. Weigh out 2.0 ± 0.1 grams of solid contaminant or pipette 2.0 ml of liquid contaminant. Place the contaminant on the center of the specimen and cover with a 6" x 6" piece of glassine paper. Place a 4 pound weight on the glassine paper directly over the contaminated area. Allow the weight to remain on the specimen for 30 minutes. Remove the weight and glassine paper and allow the specimen to sit undisturbed for an additional 30 minutes. Wipe off any excess contaminant using a fresh piece of blotting paper and test for water permeability as in footnote 8/ except that the water pressure shall be applied for 3 minutes.
- 11/ One specimen per sample unit shall be tested for water permeability after exposure to synthetic perspiration. The specimen shall be not less than six inches in diameter. The test cups shall accommodate this size specimen and shall have a depth of at least one inch. The cups shall be sealed to prevent leakage. The solution shall contact the fabric side of the laminate.
Synthetic perspiration shall be prepared by stirring the following ingredients into 500 ml of distilled water:
- 3 grams sodium chloride
 - 1 gram predigested protein
 - 1 gram n-propyl propionate
 - 0.5 gram lecithin (phosphatidyl choline)

SPECIFICATIONS

The predigested protein shall contain the following amino acids:

<u>Ingredient</u>	<u>Milligrams (mg)</u>	
Lysine	82.5	
Histidine		27.5
Arginine		40.0
Aspartic acid	72.5	
Threonine	42.5	
Serine	50.0	
Glutamic acid	197.5	
Proline	92.5	
Glycine		22.5
Alanine		28.7
Cystine		4.7
Valine	66.2	
Methionine	30.0	
Isoleucine	53.8	
Leucine		87.5
Tyrosine		51.3
Phenylalanine	48.8	
Tryptophane	18.8	

The solution shall be stirred continuously and heated to $50 \pm 1^{\circ}\text{C}$, then covered and cooled to approximately 35°C .

The solution shall be stirred such that any solid particles are suspended in solution and poured into the test cup. The cup shall be inverted to allow the synthetic perspiration to evaporate through the specimen.

After the solution has evaporated through the specimen, such that no more than 0.125 inch of solution remains, the specimen shall be removed from the cup, rinsed in warm water, dried and tested for water permeability as specified in footnote 8/ except that the water pressure shall be applied for 3 minutes.

12/ One 14 inch by full width specimen shall be selected from each sample unit. The specimens shall be subjected to 25 cycles of washing and drying in accordance with the procedure specified in Machine Cycle 3, Wash Temperature III, and Drying Procedure Aiii as specified in AATCC 135-1992. The specimen shall then be subjected to ASTM F 1671 in three locations and checked for viral penetration. The outside shell side of the fabric shall face the challenge fluid.

13/ One 14 inch by full width specimen shall be selected from each sample unit. The specimens shall be subjected to 25 cycles of washing and drying in accordance with the procedure specified in Machine Cycle 3, Wash Temperature III, and Drying Procedure Aiii as specified in AATCC 135-1992. The specimen shall then be subjected to ASTM F 903C in three locations and checked for resistance to the following “common chemicals” as defined by the National Fire Protection Association: battery acid (37% sulfuric acid);

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hydraulic fluid; gasoline (reference fuel C); AFFF (aqueous fire fighting foam); and swimming pool chlorine. The outside shell side of the fabric shall face the challenge fluids. The duration of the test shall be 1 hour (5 minutes at ambient pressure, 1 minute at 2 psi and 54 minutes at ambient pressure). Any liquid strike though is considered a failure.

- 14/** A minimum of 3 straight seams and 2 cross-over seams should be tested prior to laundry cycle testing and remain waterproof (no leakage) when tested at 2 psi for 3 minutes with the seam tape side facing up, away from the water challenge. Leakage is defined as the appearance of water any place within the 4.5 inch diameter test area since the seam tape process can damage the fabric adjacent to the tape. The test may be performed using any device that tests the same specimen area at the equivalent pressure. In case of dispute, the apparatus described in FED-STD-191A Method 5516 shall be used.
- 15/** A minimum of 3 straight seams and 2 cross-over seams should be tested after ten (10) home laundry cycles and remain waterproof (no leakage) when tested at 2 psi for 3 minutes with the seam tape side facing up, away from the water challenge. Leakage is defined as the appearance of water any place within the 4.5 inch diameter test area since the seam tape process can damage the fabric adjacent to the tape. The test may be performed using any device that tests the same specimen area at the equivalent pressure. In case of dispute, the apparatus described in FED-STD-191A Method 5516 shall be used. Laundry testing should be performed in accordance with the procedure specified in Machine Cycle 3, Wash Temperature III, and Drying Procedure Aiii of ANSI/AATCC 135.
- 16/** A minimum of 3 straight seams and 2 cross-over seams should be tested after ten (10) dry clean cycles and remain waterproof (no leakage) when tested at 2 psi for 3 minutes with the seam tape side facing up, away from the water challenge. Leakage is defined as the appearance of water any place within the 4.5 inch diameter test area since the seam tape process can damage the fabric adjacent to the tape. The test may be performed using any device that tests the same specimen area at the equivalent pressure. In case of dispute, the apparatus described in FED-STD-191A Method 5516 shall be used.

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1. The City intends to purchase the estimated quantities shown during the contract period. **Purchase orders will be issued for items on an as needed basis** with deliveries within fourteen (14) working days. The minimum order of trousers shall be 200 pair.
2. Award of the bid shall be made to the lowest responsible bidder. The City will deem what is in the best interest of the City to award by section or award all three sections to one bidder, bidding on all items.
3. The contract period shall begin upon notification in writing to the successful vendor. Prices shall remain firm for the duration of the contract. The contract may be extended for an additional 12 months upon agreement of both parties.
4. The successful bidder shall have a contact person available to respond to any and all problems relating to the purchase of uniforms.
5. The City will provide a contact person at each location to assist the vendor in coordinating deliveries and measurements of employees.
6. The number of employees on this contract will vary throughout the contract period because of new hires and others leaving employment with the City. The City does not guarantee any specific quantities.
7. Payment of purchase orders will be made upon satisfactory completion of each order, including the proper fit of garments.
8. Samples of all uniform garments **MUST BE SUBMITTED WITH THE BID**. When bidding an equal to the specified brand, specification literature must accompany bid. The City of Durham shall be the sole source in determining an equal to the specified brand.
9. Any exceptions to the specifications or special conditions must be made in writing and made a part of the bid document.
10. The City reserves the right to reject any or all proposals and to waive minor technicalities in any bid.
11. The contract may be canceled by either party with a sixty (60) day written notice.

EEO PROVISIONS

During the performance of this Contract the Contractor agrees as follows:

- a. The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, political affiliation or belief, age, or handicap. The Contractor shall take affirmative action to insure that applicants are employed and that employees are treated equally during employment, without regard to race, color, religion, sex, national origin, political affiliation or belief, age, or handicap. Such action shall include but not be limited to the following: employment, upgrading, demotion, transfer, recruitment or advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. The Contractor shall post in conspicuous places, available to employees and applicants for employment, notices setting forth these provisions.
- b. The Contractor shall in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, political affiliation or belief, age, or handicap.
- c. The Contractor shall send a copy of the EEO provisions to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding.
- d. In the event of the Contractor's noncompliance with these EEO provisions, the City may cancel, terminate, or suspend this contract, in whole or in part, and the City may declare the Contractor ineligible for further City contracts.
- e. Unless exempted by the City Council of the City of Durham, the Contractor shall include these EEO provisions in every purchase order for goods to be used in performing this contract and in every subcontract related to this contract so that these EEO provisions will be binding upon such subcontractors and vendors.

"The City of Durham opposes discrimination on the basis of race and sex and urges all of its contractors to provide a fair opportunity for minorities and women to participate in their work force and as subcontractors and vendors under city contracts."

GENERAL CONDITIONS

1. Bids under \$90,000 are considered informal; therefore, they will not be opened at any specific time. Bids will be opened and tabulated the first working day following the due date shown on the "Request for Quotation".
2. If you have any questions, please contact Lt. Mike Benton, Durham Police Department at (919) 560-4322 ext 29207 and all questions concerning the bid forms contact Raushan Gross, Purchasing Agent at (919) 560-4132 ext.18223.
3. The bid must be signed by an authorized official of the firm.
4. The City reserves the right to reject any or all bids. It further reserves the right to waive formalities and technicalities in as far as it is authorized to do so, where it deems it advisable in the best interest of the City.
5. All information requested, including manufacturer, model/part numbers, unit prices and extensions, must be entered on the appropriate spaces provided; otherwise, bid is subject to rejection.
6. All bids must be submitted on this form; otherwise, they are subject to being rejected.
7. Do not include Federal or State taxes in the bid prices. The City is exempt from Federal Tax and will furnish exemption certificates. The City pays State tax; if you are awarded the bid, add State and Local (when applicable) sales tax to your invoice.
8. The award of the bid shall be made to the lowest responsible bidder taking into consideration, quality, performance, and time of delivery.
9. Any changes made after the bid has been awarded regarding specifications, quantities ordered, etc., must be with the written consent of the Purchasing Manager; otherwise, the responsibility for such changes will be with the supplier.
10. Alternate bids may be submitted; if deemed advantageous to the City, they will be evaluated and considered. The City is under no obligation to consider or accept an alternate bid and reserves the right to reject any or all such bids. Alternate bids may be made beyond responding to the terms and conditions of the solicitation or as the only response to the solicitation.
11. All exceptions to the specifications and/or special conditions must be noted in writing. Bids that fail to meet this condition are subject to rejection.
12. Brand names are used in specifications solely for denoting the type and quality of articles or articles wanted. When bidding items based on being "equal" to what are requested, literature and specifications describing the items must accompany the bid to ensure proper consideration.

GENERAL CONDITIONS

13. All bids shall be firm for 45 days from the bid opening date.
14. Bids can be hand delivered or mailed to our office at 101 City Hall (Annex) Durham, North Carolina 27701. **Bids may be faxed in to (919) 560-4325.** All bids received must be clearly labeled as a bid showing the bid number and the date and time of the bid opening. Late bids will not be considered.
15. In signing the bid, Bidder agrees to comply with the provisions of the attached "Equal Employment Opportunity" provisions.
16. The City of Durham encourages participation from minority (MBE), women (WBE), and disadvantaged (DBE) business suppliers.
17. In case of default by the bidder, the City reserves the right to obtain articles or services from other sources and to hold the bidder responsible for the difference in cost.
18. All organizations doing business with the City of Durham are required to comply with all state, local and federal licensing requirements. This includes obtaining a City of Durham business privilege license (if applicable). All contractors receiving awards must conform to the City of Durham procedures that include obtaining a City of Durham Privilege License. To obtain a Privilege License, call (919) 560-4700.
19. Assistance in completing the bid forms is available by contacting the City's Purchasing Division, telephone (919) 560-4132.

Lynette McRae
Senior Purchasing Agent

Chris Bernat
Purchasing Agent

Raushan Gross
Purchasing Agent

EEO PROVISIONS

All vendors must complete and submit the following workforce information in order for bid to be considered.

WORKFORCE STATISTICS **CORPORATION STATISTICS**

Total Workforce	_____	# Black Males	_____	(____%)
Total # Females	_____ (____%)	# White Males	_____	(____%)
Total # Males	_____ (____%)	# Other Males	_____	(____%)
		# Black Females	_____	(____%)
		# White Females	_____	(____%)
		# Other Females	_____	(____%)

LOCATION OF COMPANY PERFORMING CONTRACT

City: _____ State: _____

Total Workforce	_____	# Black Males	_____	(____%)
Total # Females	_____ (____%)	# White Males	_____	(____%)
Total # Males	_____ (____%)	# Other Males	_____	(____%)
		# Black Females	_____	(____%)
		# White Females	_____	(____%)
		# Other Females	_____	(____%)

I certify that the information provided is true and correct at the time and date of filing this bid.

Date

Authorized Signature

Name of Firm

ANTI-SWEATSHOP CONDITIONS

1. Failure to provide sweatshop disclosure information will result in the bidder being considered non-responsive, unless the City waives the requirement.
2. The City may terminate the contract if it determines in its reasonable judgment that the goods supplied to the City were made, finished, or packed in facilities operated systematically
 - a) with the use of children younger than the age of 15, unless the nation in which the work is done is subject to the International Labor Organization's Minimum Age Convention No. 138 ("ILO Age Convention") and the ILO Age Convention permits that work;
 - b) in violation of applicable law or regulation regarding treatment of, or establishing minimum ages of, the persons making, finishing, or packing those goods, or
 - c) with forced labor. For the purposes of this condition, the term "forced labor" shall mean all work or service that is exacted from any person
 - (i) under the menace of any penalty and for which the person has not offered himself or herself voluntarily;
 - (ii) as a means of political coercion or education or as a punishment for holding or expressing political views or views ideologically opposed to the established political, social, or economic system;
 - (iii) as a means of labor discipline;
 - (iv) as a punishment for having participated in strikes; or
 - (v) as a means of racial, social, national, or religious discrimination.

Nevertheless, for the purposes of this condition, the term "forced labor" shall not include any work or service exacted from any person as a consequence of a conviction in a court of law, provided that the work or service is carried out under the supervision and control of a public authority and that the person is not hired to or placed at the disposal of private individuals, companies, or associations.

ANTI-SWEATSHOP CONDITIONS

3. If the City determines that the disclosure information provided to the City by the contractor on attachment “A” is materially inaccurate or incomplete, the City may find that the contractor is in default (in which case the contractor shall be in default) and the City may terminate the contract. Before finding the contractor in default for that reason, the City must first give notice of what information the City has determined to be materially inaccurate or incomplete, and the contractor shall have seven days to cure. If the City determines in its reasonable judgment that the cure has not occurred during that period, the default and termination as described in this section may proceed when the City sends the contractor notice of that determination.
4. If the contract is terminated, the City will pay for only goods received through the date of termination and will return goods received after the termination date. The contractor will pay the costs incurred by the City to return those goods. On such termination, all obligations that are still executory on both sides are discharged, except that any right based on prior breach or performance survives, and the warranty and indemnification provisions shall remain in force. Contractors whose contracts have been terminated in accordance with this section may be deemed as non-responsive bidders on future bids/contracts.
5. The contractor shall promptly return to the City all payments made by the City for goods that have not been received at the date of termination.

ANTI-SWEATSHOP CONDITIONS

ATTACHMENT A (Labor Conditions Questions)

This 13-question form must be completed by the bidder and submitted with the bid. In these questions, the term “proposed products” refers to textiles and apparel that the bidder proposes to sell or lease to the City of Durham in this transaction.

1. List the names and addresses of the facilities and factories in which the proposed products have been or will be made, finished and/or packed:
2. List the individuals and entities (corporations, partnerships, and other entities of all kinds) owning interests in each facility and factory in which the proposed products have been or will be made, finished and/or packed:
3. List the base hourly wage for persons working as sewing operators at each facility or factory in which the proposed products have been or will be made, finished and packed:

ANTI-SWEATSHOP CONDITIONS

4. As to the proposed products -- have any of them been, or will any of them be, made, finished, and/or packed in facilities operated systematically with the use of children younger than the age of 15? circle one: yes no

(If yes, answer the next question, If no, skip the next two questions.)

5. As to the proposed products -- In what nations have any of them been, or will any of them be, made, finished, and/or packed?

6. Have all of those nations ratified the International Labor Organization's Minimum Age Convention No. 138 ("ILO Age Convention")? circle one: yes no

A list of nations that have ratified is at the following web page:

<http://ilolex.ilo.ch:1567/scripts/ratifce.pl?C138>. *(If your answer to this question is yes, answer the next question. If no, skip the next question.)*

7. Does the ILO Age Convention, as applicable to all of those nations, permit that work? (The ILO Age Convention applies slightly differently from one nation to another.)

circle one: yes no

8. As to the proposed products -- have any of them been, or will any of them be, made, finished, and/or packed in facilities operated systematically in violation of applicable law or regulation regarding treatment of the persons making, finishing, or packing those products?

circle one: yes no

9. As to the proposed products -- have any of them been, or will any of them be, made, finished, and/or packed in facilities operated systematically in violation of applicable law or regulation-establishing minimum ages of the persons making, finishing, or packing those products? circle one: yes no

ANTI-SWEATSHOP CONDITIONS

10. As to the proposed products -- have any of them been, or will any of them be, made, finished, and/or packed in facilities operated systematically with forced labor?
circle one: yes no

For purposes of this answer, see section 2(c)(i)-(v) on the page titled “ANTI-SWEATSHOP CONDITIONS” but for purposes of this answer, ignore the last sentence in section 2(c), which begins “Nevertheless.” ***If the answer to this question is yes, go to the next question. If the answer to this question is no, skip the next question.***

11. Is the sole reason that you answered *yes* to the previous question (question no. 10) because the proposed products have been or will be made, finished and/or packed in facilities operated systematically with work or service exacted from any person as a consequence of a conviction in a court of law? circle one: yes no

If the answer to this question is yes, go to the next question. If the answer to this question is no, skip the next question.

12. Is the work or service referred to in the previous question (question no. 11) carried out under the supervision and control of a public authority? circle one: yes no

If the answer to this question is yes, skip the next question. If the answer to this question is no, go to the next question.

13. Are the persons from whom work or service is exacted as a consequence of a conviction in a court of law (referred to in question no. 11) hired to or placed at the disposal of private individuals, companies, or associations? circle one: yes no

ANTI-SWEATSHOP CONDITIONS

ATTACHMENT B

RESOLUTION TO AUTHORIZE THE CITY MANAGER TO IMPLEMENT ANTI-SWEATSHOP PROVISIONS IN PURCHASING AND RENTING TEXTILES AND APPAREL

Whereas it is in the best interest of the City to purchase goods and services from responsible contractors that provide quality products at a competitive price;

Whereas the City purchases and rents textiles and apparel for the use of its employees for use in the performance of their duties;

Whereas the City is cognizant of conditions in the textile and apparel industry in the United States and around the world, which in many cases have been shown to include unhealthful and unsafe working conditions, excessively long hours, below-subsistence wages, persistent disregard for local and international labor laws and workplace regulations, and persistent, systematic repression and violation of fundamental women's rights, human rights and worker rights;

Whereas the City does not want to do business with companies that compete by exploiting their workforces;

Whereas the City has decided that disclosure of the locations and ownership of the textile and apparel factories and the base wage rates paid to employees at those factories will assist the City in its efforts to evaluate the conditions under which the products it purchases and rents are made;

Now, therefore, be it resolved by the City Council of the City of Durham:

Section 1. In invitations to bid made pursuant to G.S. 143-129 and G.S. 143-131, the City Manager shall see that vendors seeking to sell or rent textiles or apparel to the City shall supply the City the following information, on the time schedules set by the City Manager:

- (a) the names and addresses of the facilities in which the textiles or apparel have been or will be made, finished, or packed;
- (b) the names of all owners of the facilities in which the textiles and apparel have been or will be made, finished, or packed;
- (c) the base hourly wage for persons working as sewing operators at the facilities in which the textiles and apparel have been or will be made, finished, or packed; and
- (d) other information that the City Manager determines is proper in order to enforce this resolution.

ANTI-SWEATSHOP CONDITIONS

Section 2. The City Manager shall insert provisions in bid and contract documents to provide that if information supplied by the vendor pursuant to this resolution is inaccurate or incomplete, the City may treat that as a default and terminate the contract.

Section 3. In invitations to bid made pursuant to G.S. 143-129 and G.S. 143-131, the City Manager shall take reasonable actions to prevent the City from purchasing or leasing textiles or apparel made, finished, or packed in facilities operated systematically

(a) with the use of children younger than the age of 15, unless the nation in which the work is done is subject to the International Labor Organization's Minimum Age Convention No. 138 ("ILO Age Convention") and the ILO Age Convention permits that work;

(b) in violation of applicable law or regulation regarding treatment of, or establishing minimum ages of, the persons making, finishing, or packing those goods, or

(c) with forced labor in accordance with definitions and standards set from time to time by the City Manager.

Section 4. This resolution shall apply to invitations for bids and requests for proposals initially advertised or circulated after the date of adoption of this resolution.